

Montana Board of Research and Commercialization Technology
Board Meeting Teleconference
June 30, 2009

Members John Youngberg, Chairman

Attending: Marty Connell
Jim Davison
Todd Graetz
Paul Tuss

Others Dave Desch, Executive Director

Attending: Jane Todd, Administrative Specialist

I. Call to Order

Chairman Youngberg called the meeting to order at 9:07 a.m.

II. Approval of Minutes from 6/23/09 Board Meeting

Chairman Youngberg asked for discussion of the minutes of the June 23, 2009, Board meeting. There being no discussion, Marty Connell moved to approve the minutes as presented. Todd Graetz seconded the motion. All in favor, the motion carried.

III. Proposals Submitted March 2nd – Discussion and Funding Decisions

A discussion was held regarding results of the presentations made in Bozeman on June 23rd as reflected in the spreadsheets presented to the Board and the impact of 30% clean coal/renewable energy percentages at various funding levels. The Board then discussed its policy regarding the funding of companies with a weak or uncertain financial condition. It was the consensus of the Board to indicate in the Minutes that a number of applicants were not advanced in the funding process due to evidence of their weak or uncertain financial condition. The Board then continued its discussions regarding the proposals.

Action: Marty Connell moved to fund the projects listed below. Todd Graetz seconded the motion. There being no further discussion, all in favor, the motion carried unanimously.

#10-04 Absolute Calibration of a CW-FM LADAR Length Metrology System Zeb Barber – Montana State University – Bozeman \$138,000
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#10-11 Development of a Commercial Production System for Protein Cage Nanoparticles (PCNs) for Immunotherapeutic Applications Mark Young – Montana State University – Bozeman \$160,000

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#10-16 Development of New Antibacterial Dendrimers
Mary Cloninger – Montana State University – Bozeman
\$64,200

#10-23 Enhancement of Applied Research in Biomedicine
Richard Bridges – University of Montana – Missoula
\$197,066

#10-26 Novel Controlled Release Fertilizer Materials Derived from Renewable and Environmentally Degradable Polymers
Donald Kiely – Montana Renewables – Missoula
\$150,125

#10-27 Hyperspectral Sensor for Large-Area Monitoring of Carbon-Dioxide Reservoirs and Pipelines
Rand Swanson – Resonon – Bozeman
\$149,985

#10-28 Clinical Trials of a Lypolytic Compound
Jeff Golini – All American Pharmaceutical Inc. – Billings
\$10,000

#10-30 Structured Nanophase Catalysts
Yuval Avniel – EIP International – Missoula
\$110,930

#10-35 Fluorescent Reporters for Cre Recombinase: New Tools for Manipulating Animal Genomes to Study the Genetic Factors of Disease
Anne Marie Quinn – Montana Molecular – Bozeman
\$99,809

#10-38 Study of How Morphology and Physiology of Native Wildflower Seed Affects its Harvestability in Particular by the Arbuckle Native Seedster
Lee Arbuckle – Native Seedsters, Inc. – Billings
\$87,722

#10-40 Nutrient Management for the Optimization of Biofuels Production in a Proprietary CTW Energy Algal Photobioreactor
Joseph Menicucci, Jr. – CTW Energy – Bozeman
\$241,398

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#10-51 A New Cost-Effective, Non-Invasive, Geophysical Methodology for Exploration and Development of Geothermal Resources in Montana
Leif Cox – Montana Tech – Butte
\$93,130

#10-54 High Efficiency Hybrid Solar Power System – Producing Electricity and Hot Water Simultaneously
Michael Utter – Rural Community Innovations – Bozeman
\$150,000

#10-63 Metallic Nano Particle Filter to Remove Mercury from Coal Fired Power Plant Flue Gas
Kumar Ganesan – Montana Tech – Butte
\$90,499

#10-67 Development of a Field-Portable Biodetector
Timothy Troutman – Resodyn Corporation – Butte
\$379,532

#10-71 MADA SFRJ (Solid Fueled Ramjets) Technology Development and Testing
David Micheletti – Montana Aerospace Development Association – Butte
\$106,000

#10-72 Bio-Active™ Emission Technology: Turning Fuels into Fertilizer
Jessica Windy Boy – Montana State University Northern – Havre
\$119,420

#10-75 Continuation of Collaborative Research on Innovative Fluorescence Lifetime Spectrometers
Gregory Gillispie – Fluorescence Innovations, Inc. – Bozeman
\$200,000

#10-76 Measurement of Optical Output of High-Power Laser Diodes
Lawrence Johnson – ILX Lightwave – Bozeman
\$107,885

#10-78 Commercial Introduction of Barley Protein Concentrate in Aquaculture Markets
Bob Kearns – Montana Microbial Products – Butte
\$118,900

IV. Public Comment

There was no public comment.

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Appreciation was expressed by all for the hard work and commitment on the part of Board members and staff during the funding process.

VI. Adjourn

Chairman Youngberg adjourned the meeting at 10:19 a.m.

Respectfully submitted,

Marty Connell, Acting Chairman